

Figures

Fig. 1A
CAM cell schematics
NFET passgate

CELLA	CELLB	
0	0	DON'T CARE
0	1	ZERO
1	0	ONE
1	1	MATCH delay

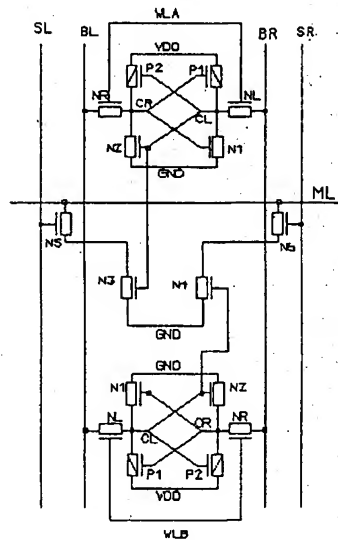


Fig. 1B

CAM Cell with NFET Passgates
3.1x3.1=9.61 0.13um Node

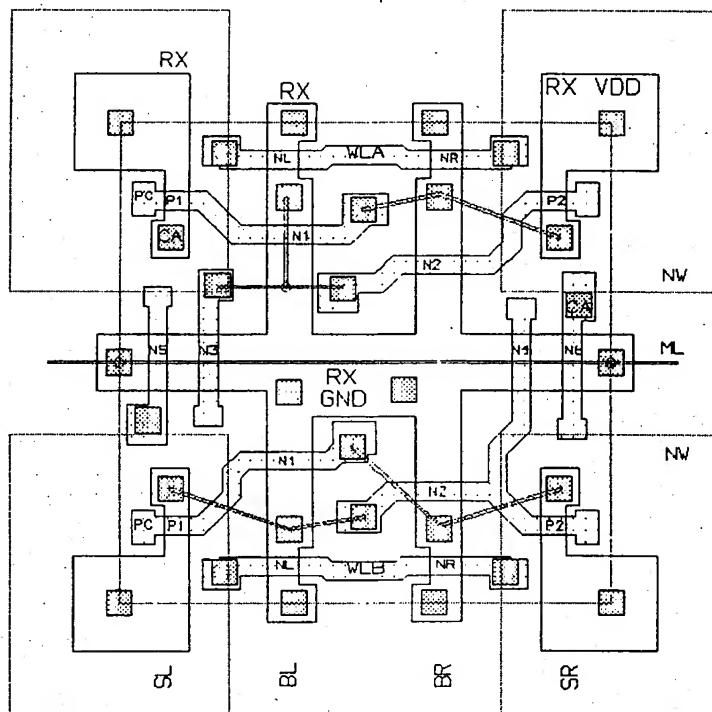


Fig. 2A
PFET passgate
CAM cell schematics

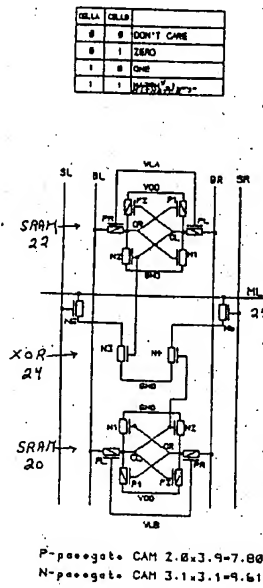
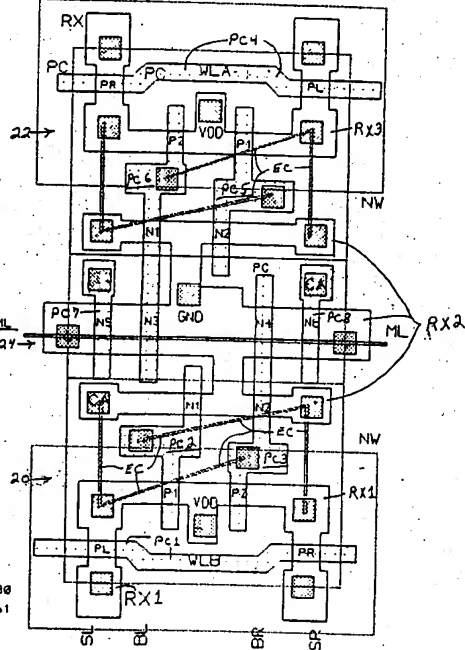
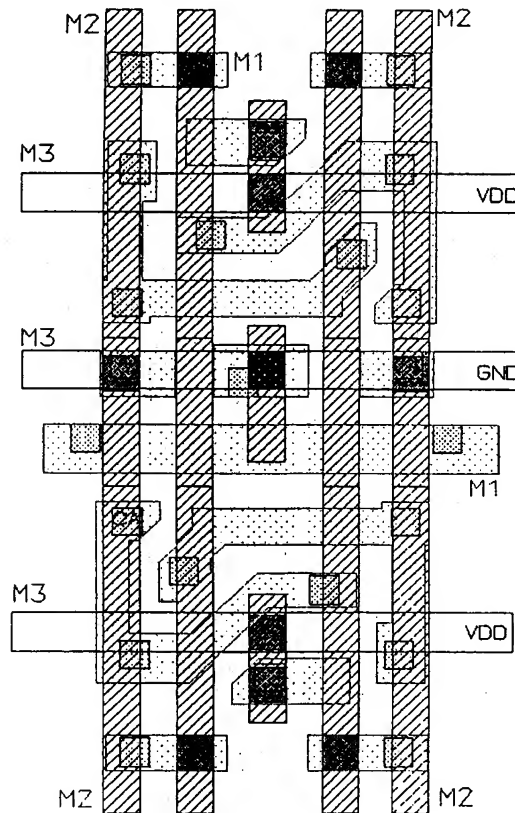


Fig. 2B
CAM Cell with PFET Passgates
2.8x3.9=7.8



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4 of 5

Fig. 2C
CAM Cell with PFET Passgates
Viring : CA-M1-V1-M2-V2-M3



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5 of 5

Fig. 2D
CAM Cell with PFET Passgates
Dimensions @ 0.13 μ m node

